

*Fig. 1*

Table 1 : (Test Method: LG(61)-E-8020)

Test Item	Standard	Result	Note
Hardness	67~77	71	Shore A
Tensile Strength	0.8Kg/cm <sup>2</sup>	0.75~0.85	
Elongation	200min	650	
Heat Loss	3.0Max	0.76	
UV Resistance Test	3.5Max	2.74	Delta E
Chemical Resistance	Unchanged	Unchanged	Wax, Silicone x 24h
Erodibility for Contaminated Film	No Fuzz	Unchanged	
Erodibility for Door Line applied Resin	No Contamination/ Swelling/ Softening/ Discoloration	Unchanged	
Weather Resistance Test	No Yellowing/ Stripping	Unchanged	
Oil Resistance Test	No Hardening/ Softening/ Fuzz/ Discoloration	Unchanged	
Hot/Cold Cycling Test	No Deterioration of Cross-section	Unchanged	
Antibacterial Test	5 or more Clear Zones, No Mold-Growth on Specimen	Unchanged	
Lead Content	100ppm or less	Nil	
Cadmium Content	100ppm or less	Nil	
Dibutyltin Content	100ppm or less	Nil	
Cresolacidester Content	1000pm or less	Nil	
Heavy-Metal Content	1 or less based on Lead	Nil	
Residue remaining after Evaporation	30 or less	Nil	

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*Fig. 2*

Table 2 : (Test Method: LG(61)-E-8020)

Test Item	Standard	Result	Note
Hardness	67~77	70	Shore A
Tensile Strength	0.8Kg/cm <sup>2</sup>	0.80~0.90	
Elongation	200min	600	
Heat Loss	3.0Max	0.80	
UV Resistance Test	3.5Max	2.50	Delta E
Chemical Resistance	Unchanged	Unchanged	Wax,Silicone× 24h
Erodibility for Contaminated Film	No Fuzz	Unchanged	
Erodibility for Door Line applied Resin	No Contamination/ Swelling/ Softening/ Discoloration	Unchanged	
Weather Resistance Test	No Yellowing/ Stripping	Unchanged	
Oil Resistance Test	No Hardening/ Softening/ Fuzz/ Discoloration	Unchanged	
Hot/Cold Cycling Test	No Deterioration of Cross-section	Unchanged	
Antibacterial Test	5 or more Clear Zones, No Mold-Growth on Specimen	Unchanged	
Lead Content	100ppm or less	Nil	
Cadmium Content	100ppm or less	Nil	
Dibutyltin Content	100ppm or less	Nil	
Cresolacidester Content	1000pm or less	Nil	
Heavy-Metal Content	1 or less based on Lead	Nil	
Residue remaining after Evaporation	30 or less	Nil	

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*Fig. 3*

Table 3 : (Test Method: LG(61)-E-8020)

Test Item	Standard	Result	Note
Hardness	67-77	72	Shore A
Tensile Strength	0.8Kg/cm <sup>2</sup>	0.60~0.70	
Elongation	200min	500	
Heat Loss	3.0Max	0.70	
UV Resistance Test	3.5Max	2.50	Delta E
Chemical Resistance	Unchanged	Unchanged	Wax, Silicone× 24h
Erodibility for Contaminated Film	No Fuzz	Unchanged	
Erodibility for Door Line applied Resin	No Contamination/ Swelling/ Softening/ Discoloration	Unchanged	
Weather Resistance Test	No Yellowing/ Stripping	Unchanged	
Oil Resistance Test	No Hardening/ Softening/ Fuzz/ Discoloration	Unchanged	
Hot/Cold Cycling Test	No Deterioration of Cross-section	Unchanged	
Antibacterial Test	5 or more Clear Zones, No Mold-Growth on Specimen	Unchanged	
Lead Content	100ppm or less	Nil	
Cadmium Content	100ppm or less	Nil	
Dibutyltin Content	100ppm or less	Nil	
Cresolacidester Content	1000pm or less	Nil	
Heavy-Metal Content	1 or less based on Lead	Nil	
Residue remaining after Evaporation	30 or less	Nil	

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*Fig. 4*

Table 4 : (Test Method: LG(61)-E-8020)

Test Item	Standard	Result	Note
Hardness	67~77	67	
Tensile Strength	0.8Kg/cm <sup>2</sup>	1.2	
Elongation	200min	680	
Heat Loss	3.0Max	0.6	
UV Resistance Test	3.5Max	2.65	Delta E
Chemical Resistance	Unchanged	Unchanged	
Erodibility for Contaminated Film	No Fuzz	Unchanged	
Erodibility for Door Line applied Resin	No Contamination/ Swelling/ Softening/ Discoloration	Unchanged	
Weather Resistance Test	No Yellowing/ Stripping	Unchanged	
Oil Resistance Test	No Hardening/ Softening/ Fuzz/ Discoloration	Unchanged	
Hot/Cold Cycling Test	No Deterioration of Cross-section	Unchanged	
Antibacterial Test	5 or more Clear Zones, No Mold-Growth on Specimen	Unchanged	
Lead Content	100ppm or less	Nil	
Cadmium Content	100ppm or less	Nil	
Dibutyltin Content	100ppm or less	Nil	
Heavy-Metal Content	1 or less based on Lead	Nil	
Residue remaining after Evaporation	30 or less	Nil	

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Fig. 5

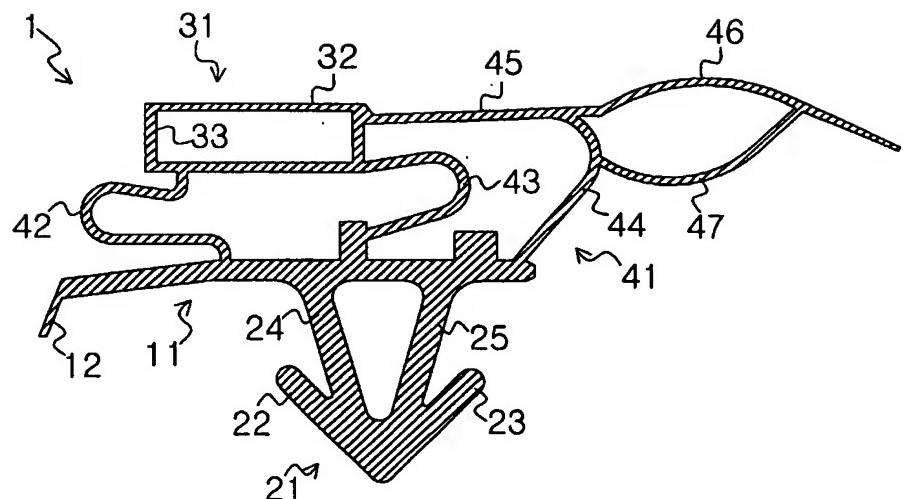
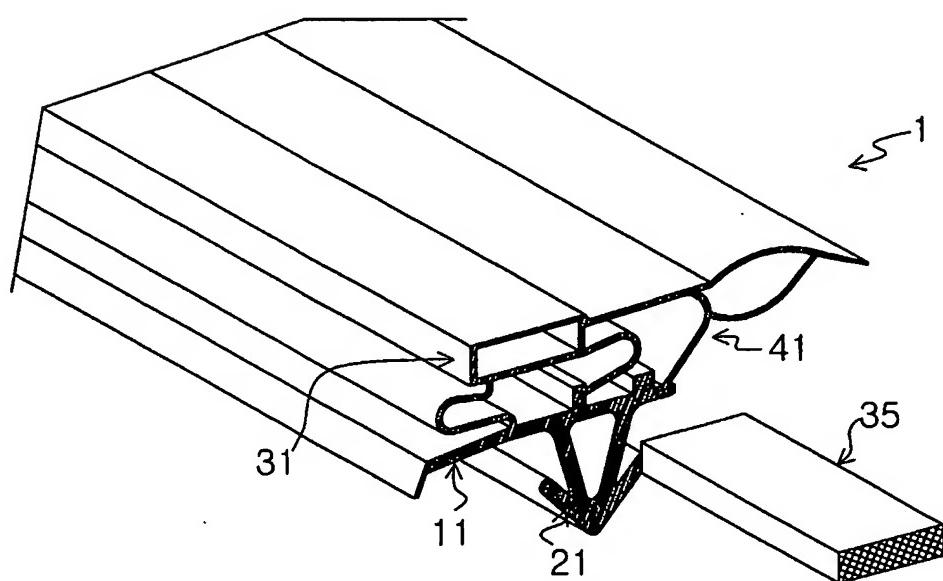
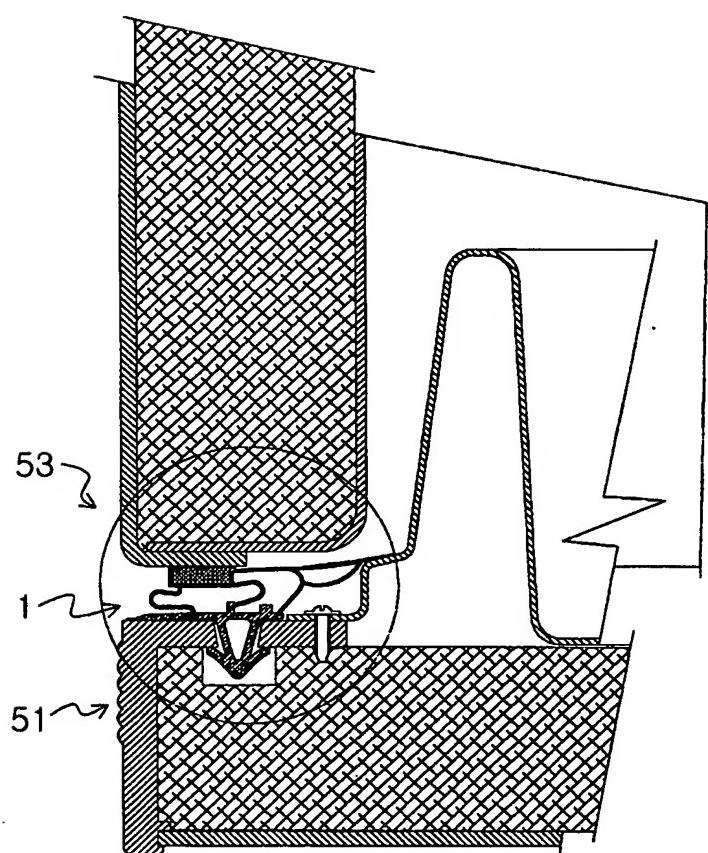


Fig. 6



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*Fig. 7*

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Fig. 8

